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OP/2834

#7/A

Amendment a
Y. Polkenson
4/17/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Swarn S. Kalsi Art Unit : 2834
Serial No. : 09/696,363 Examiner : B. Mullins
Filed : October 25, 2000
Title : HIGH TEMPERATURE SUPERCONDUCTOR ROTOR FOR A
SYNCHRONOUS MACHINE

Commissioner for Patents
Washington, D.C. 20231

RESPONSE

In response to the action mailed December 20, 2002, please amend the application as follows:

In the claims:

Please amend claims 1 and 27 as follows:

- Al*
- 1. A high temperature superconducting rotor, comprising:
 a high temperature superconducting field winding,
 a field winding support concentrically arranged on the high temperature
superconductor field winding, and
 a thermal reserve concentrically arranged on the field winding support and
thermally coupled to the field winding to maintain a temperature differential between the
thermal reserve and the field winding not greater than about 10 K.

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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